

FIG. 1

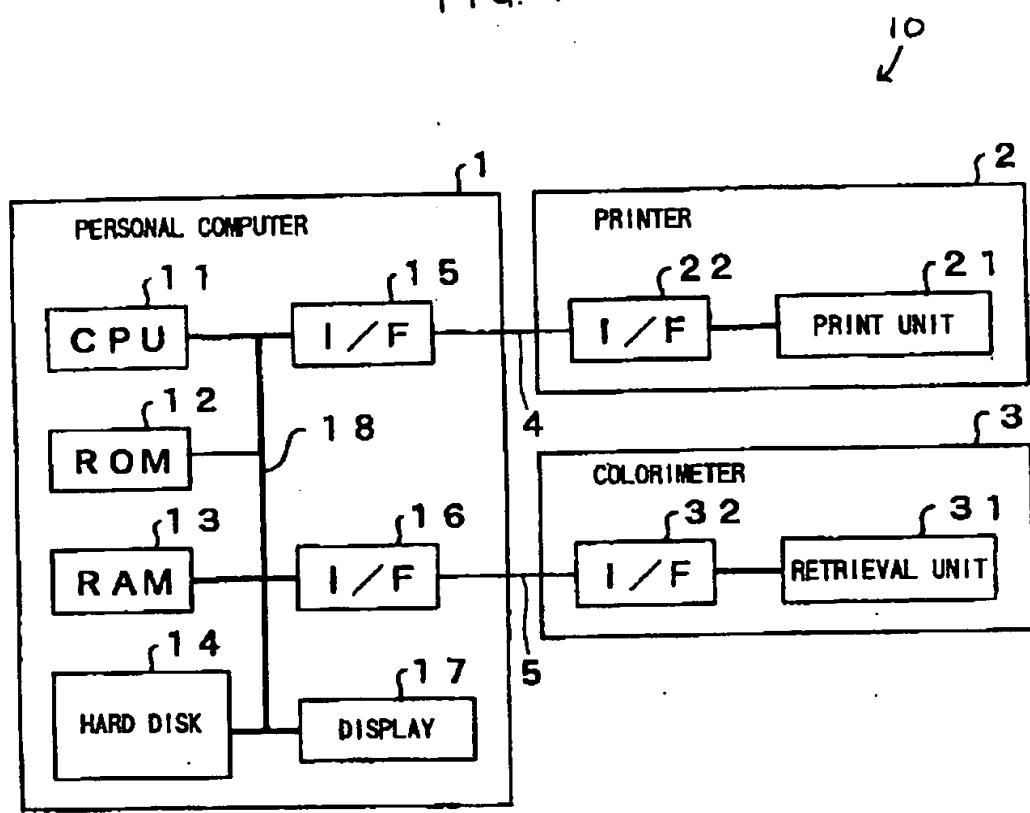
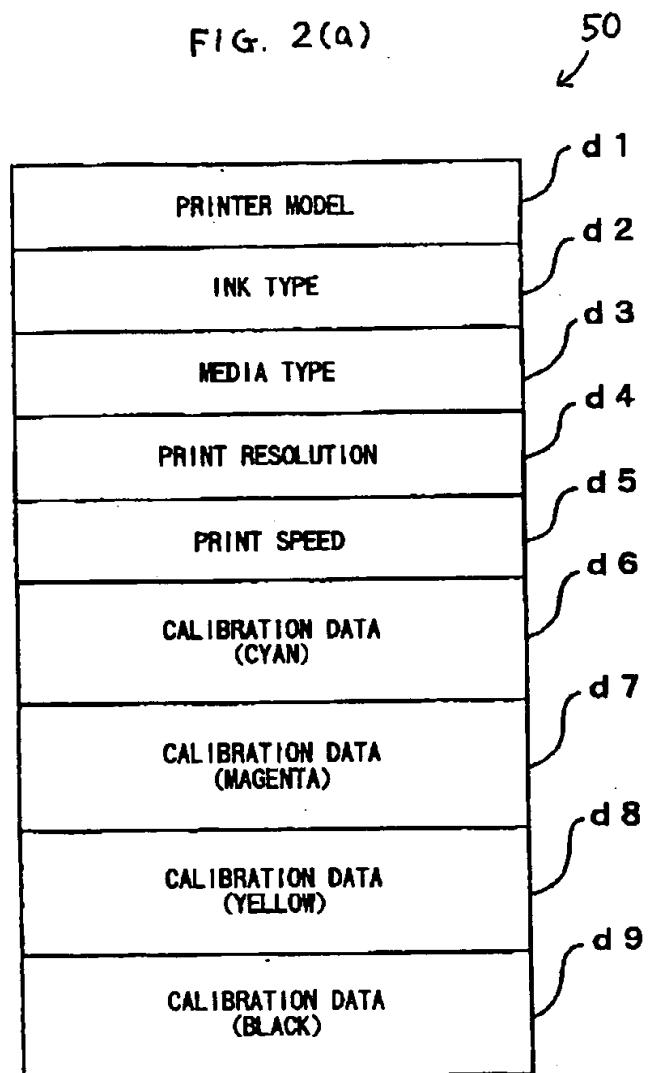


FIG. 2(a)



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FIG. 2(b)

CALIBRATION DATA d6	
ORIGINAL LEVELS $C_{original}$	INPUT LEVELS C_{in}
0	:
5	:
255	:

CALIBRATION DATA d7	
ORIGINAL LEVELS $M_{original}$	INPUT LEVELS M_{in}
0	:
5	:
255	:

CALIBRATION DATA d8	
ORIGINAL LEVELS $Y_{original}$	INPUT LEVELS Y_{in}
0	:
5	:
255	:

CALIBRATION DATA d9	
ORIGINAL LEVELS $K_{original}$	INPUT LEVELS K_{in}
0	:
5	:
255	:

FIG. 3(a)

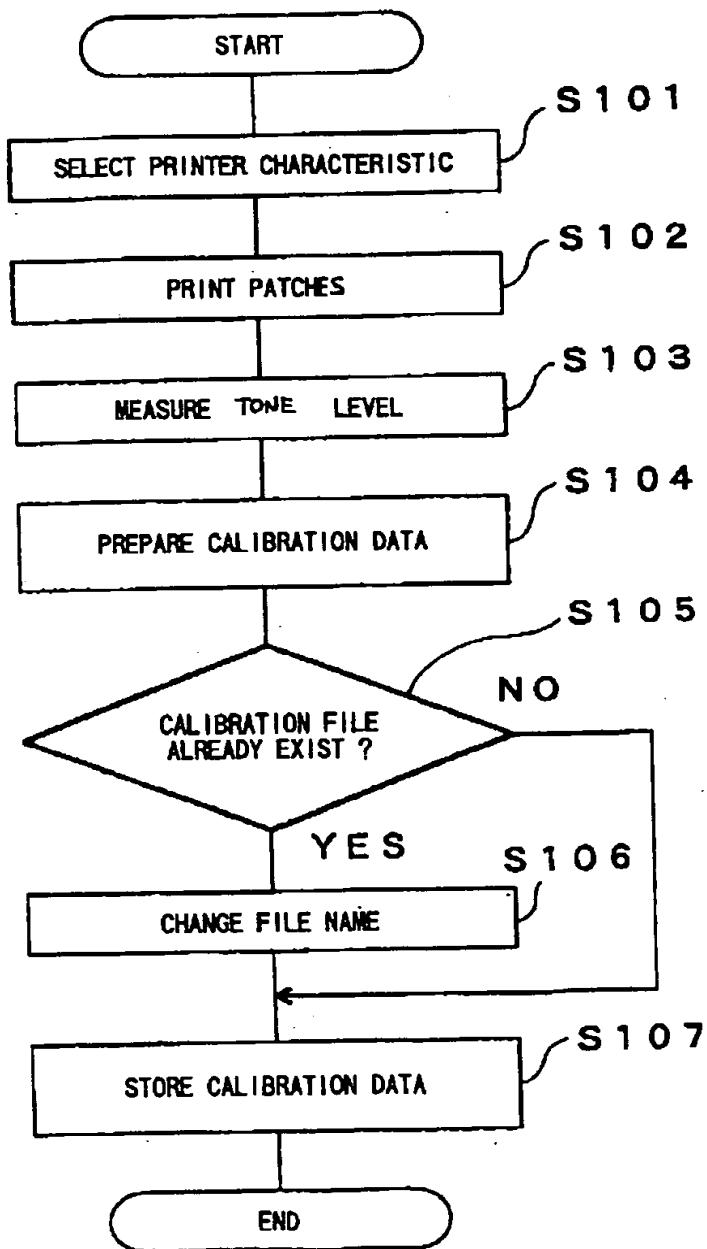


FIG. 3(b)

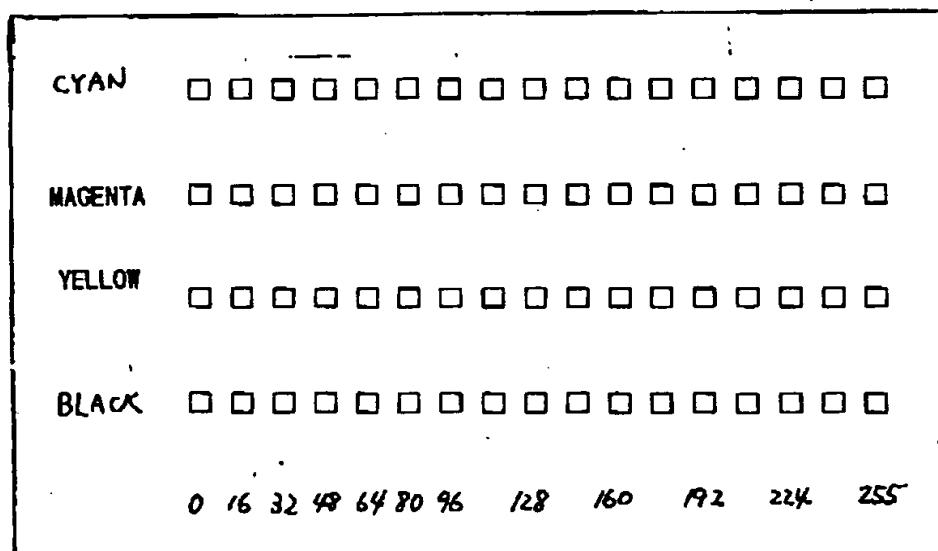
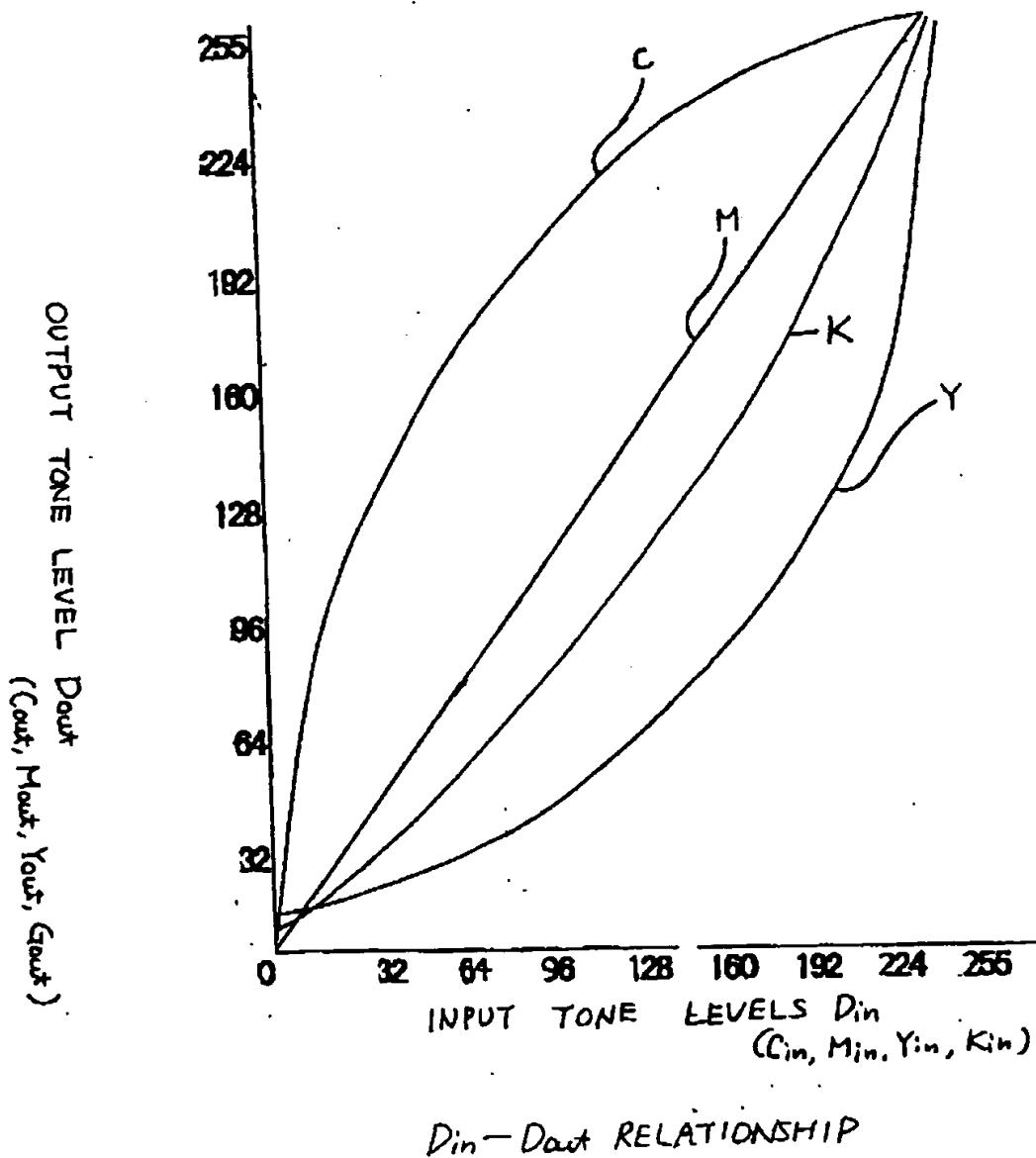


FIG. 3 (c)



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FIG. 4

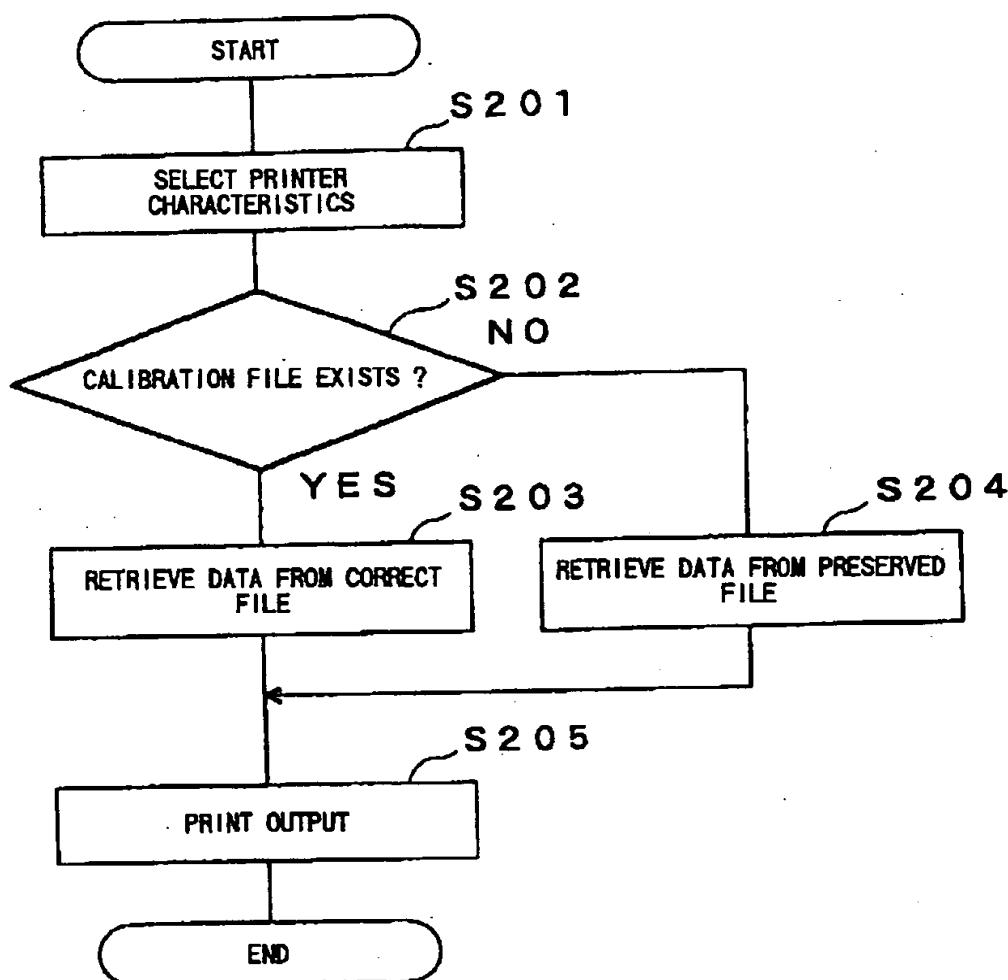
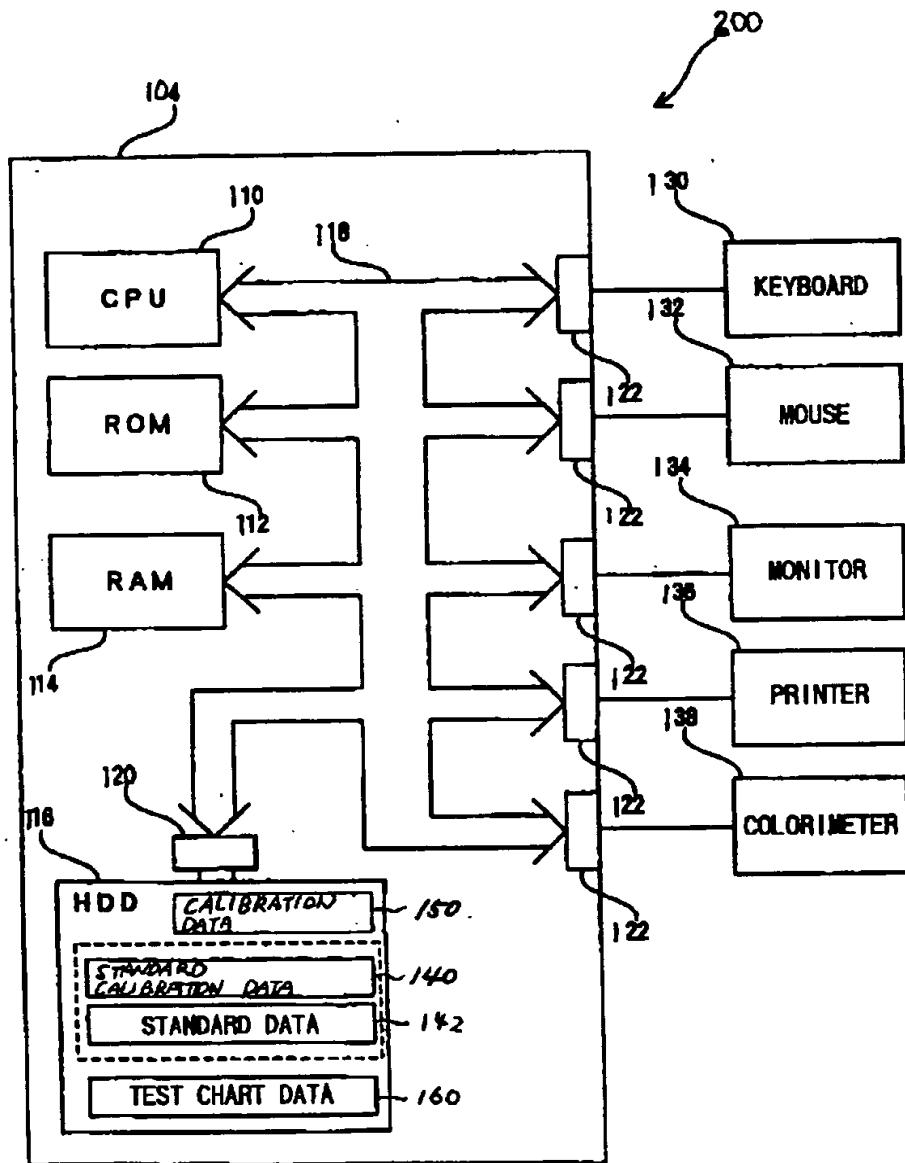


FIG. 5



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Fig. 6(a)

PATCH NUMBER	NUMERICAL VALUES r_{11} (red)	COLORMETER COLORIFIER		...
		1	2	
P1	0	x_1, y_1	x_1, y_1	...
:	:	:	:	...
$P(n/3)$	255	$x_{n/3}, y_{n/3}$	$x_{n/3}, y_{n/3}$...
PATCH NUMBER	NUMERICAL VALUES			
$P(n/3 + 1)$	0	$x_{n/3+1}, y_{n/3+1}$	$x_{n/3+1}, y_{n/3+1}$...
:	:	:	:	...
$P(2n/3)$	255	$x_{2n/3}, y_{2n/3}$	$x_{2n/3}, y_{2n/3}$...
PATCH NUMBER	NUMERICAL VALUES			
$P(2n/3 + 1)$	0	$x_{2n/3+1}, y_{2n/3+1}$	$x_{2n/3+1}, y_{2n/3+1}$...
:	:	:	:	...
$P(n)$	255	x_{3n}, y_{3n}	x_{3n}, y_{3n}	...

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FIG. 6(b)

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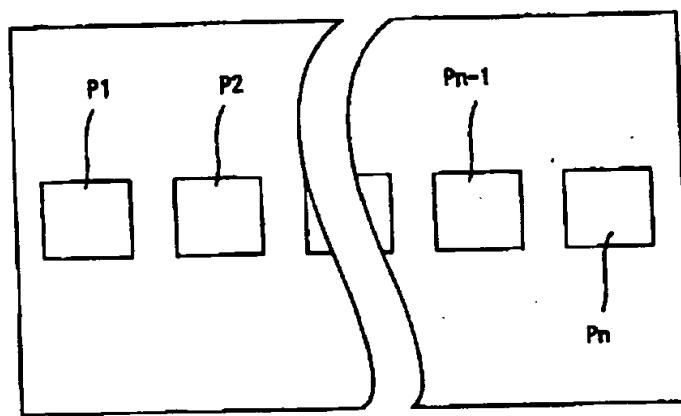


FIG. 7 (a)

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STANDARD DATA (1)		STANDARD CALIBRATION DATA REFERENCE NO. (1)	
STANDARD DATA (2)		STANDARD CALIBRATION DATA REFERENCE NO. (2)	
STANDARD DATA (3)		STANDARD CALIBRATION DATA REFERENCE NO. (3)	
L^1	a^1	L^1	b^1
L^2	a^2	L^2	b^2
L^n	a^n	L^n	b^n

STANDARD DATA (1)
(142)

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PATCH NO.	P1	P2	Pn
PATCH COORDINATES (x, y) FOR COLORIMETER (1)	x1,y1	x2,y2	xn,yn
L^1	L^1	L^2	L^n
a^1	a^2	a^n	a^n
b^1	b^2	b^n	b^n

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FIG. 7(c)

STANDARD CALIBRATION DATA (1)
STANDARD CALIBRATION DATA (2)
STANDARD CALIBRATION DATA (3)
⋮

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FIG. 7(d)

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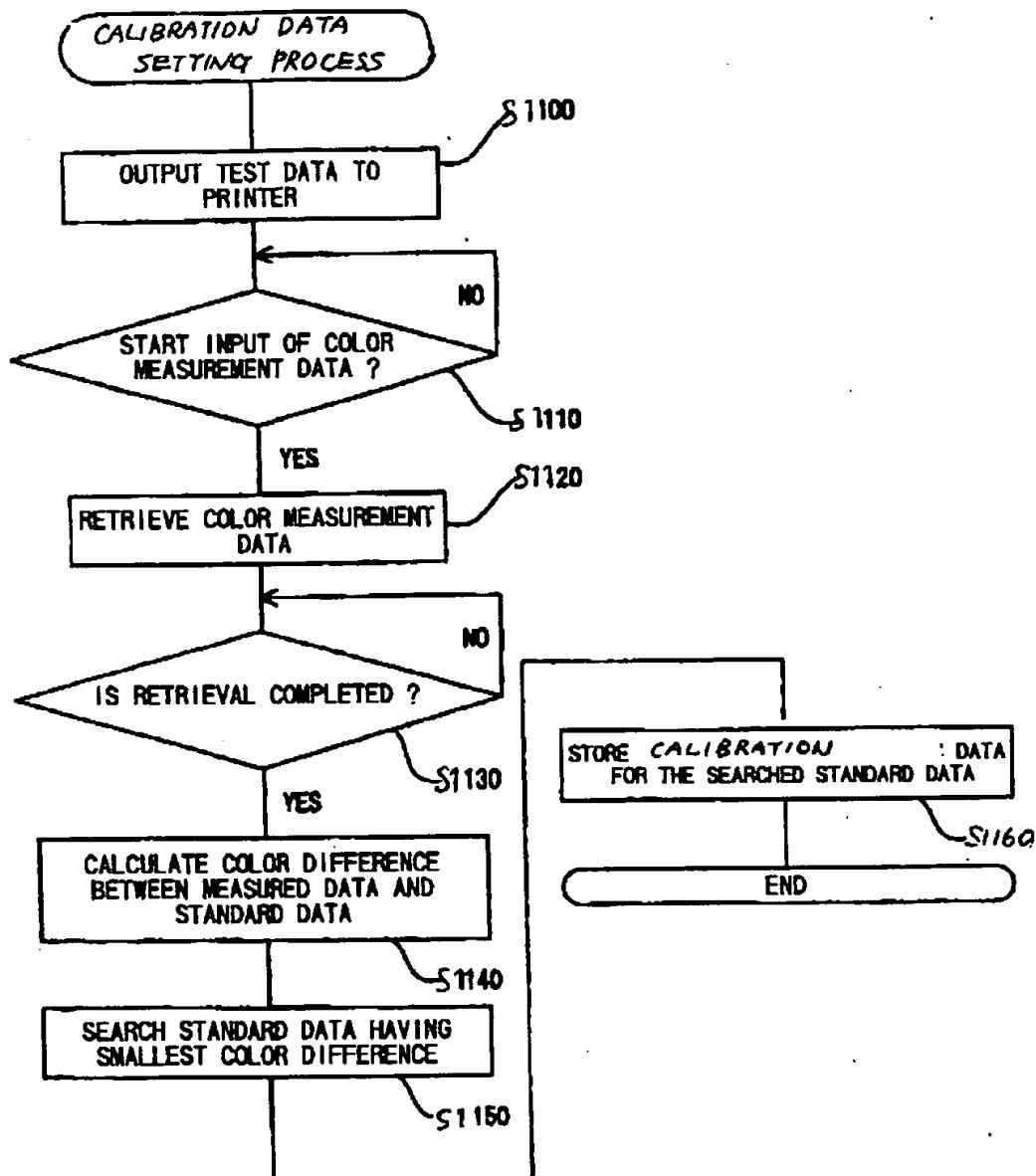
CALIBRATION DATA	
ORIGINAL LEVELS $R_{original}$	INPUT LEVELS R_{in}
0	⋮
⋮	⋮
2 5 5	⋮

CALIBRATION DATA	
ORIGINAL LEVELS $G_{original}$	INPUT LEVELS G_{in}
0	⋮
⋮	⋮
2 5 5	⋮

CALIBRATION DATA	
ORIGINAL LEVELS $B_{original}$	INPUT LEVELS B_{in}
0	⋮
⋮	⋮
2 5 5	⋮

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FIG. 8



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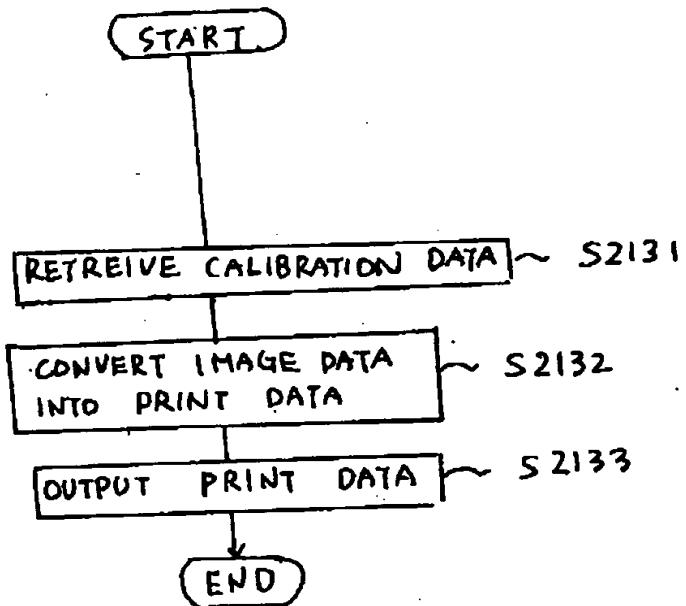
FIG. 9

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PATCH NO.	P1	P2	...	Pn-1	Pn
MEASURED VALUE L'	L1	L2		L _{n-1}	L _n
MEASURED VALUE a'	a1	a2		a _{n-1}	a _n
MEASURED VALUE b'	b1	b2		b _{n-1}	b _n

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FIG. 10



0004340200 "0004340200

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19

FIG. 11(a)

STANDARD
 DATA (1)
 ↴
 (142)

PATCH NO.	P1	P(n/3)	P(n/3 + 1)
PATCH COORDINATES (x, y) FOR COLORIMETER (1)	x1, y1	xn/3, yn/3	xn/3+1, yn/3+1
DENSITY D (D = R, G, B)	R'1	R'n/3	G'n/3+1

P(2n/3)	P(2n/3 + 1)	Pn
x2n/3, y2n/3	x2n/3+1, y2n/3+1	xn, yn
G'2n/3	B'2n/3+1	B'n

FIG. 11(b)

↳ 146

PATCH NO.	P1	P(n/3)	P(n/3 + 1)
MEASURED DENSITY D (D = R, G, B)	R1	Rn/3	Gn/3+1

P(2n/3)	P(2n/3 + 1)	Pn
G2n/3	B2n/3+1	Bn

00000000000000000000000000000000

FIG. 12

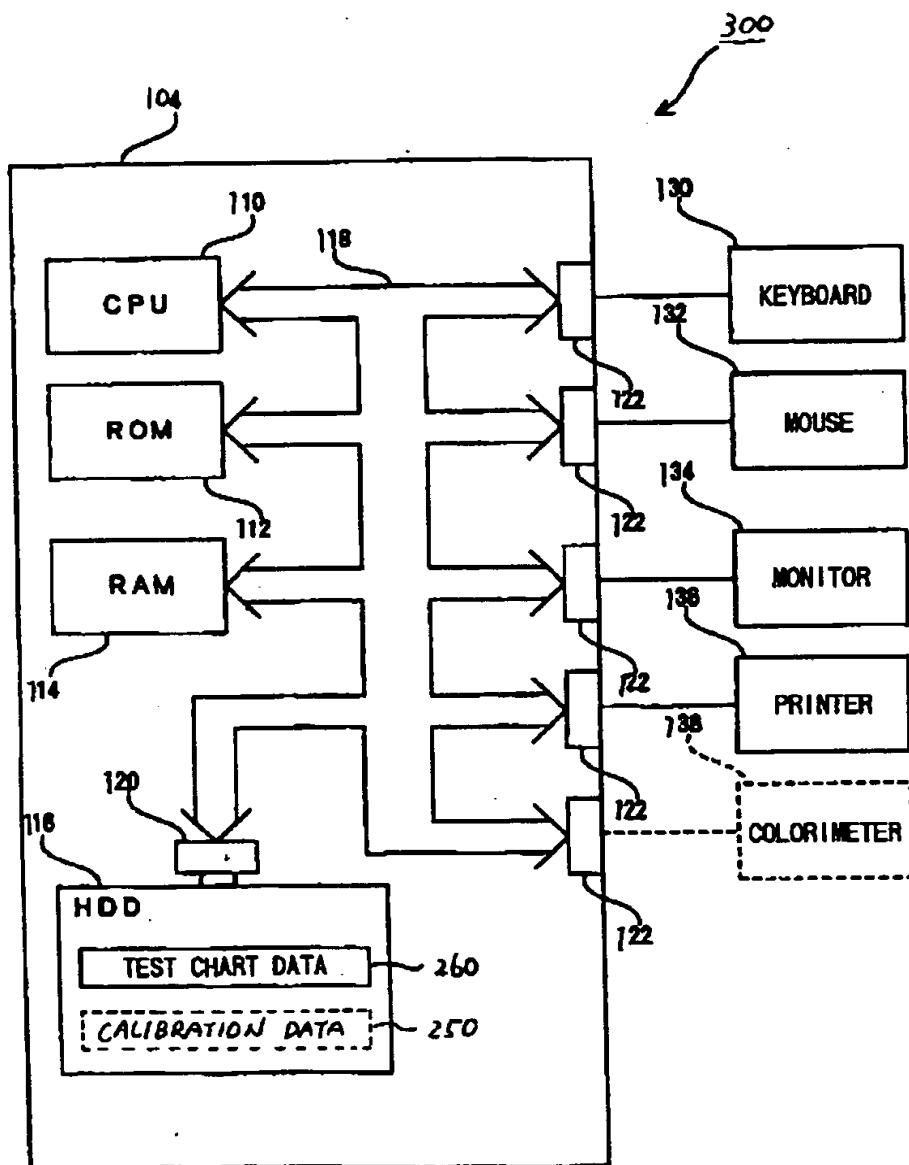


FIG. 13

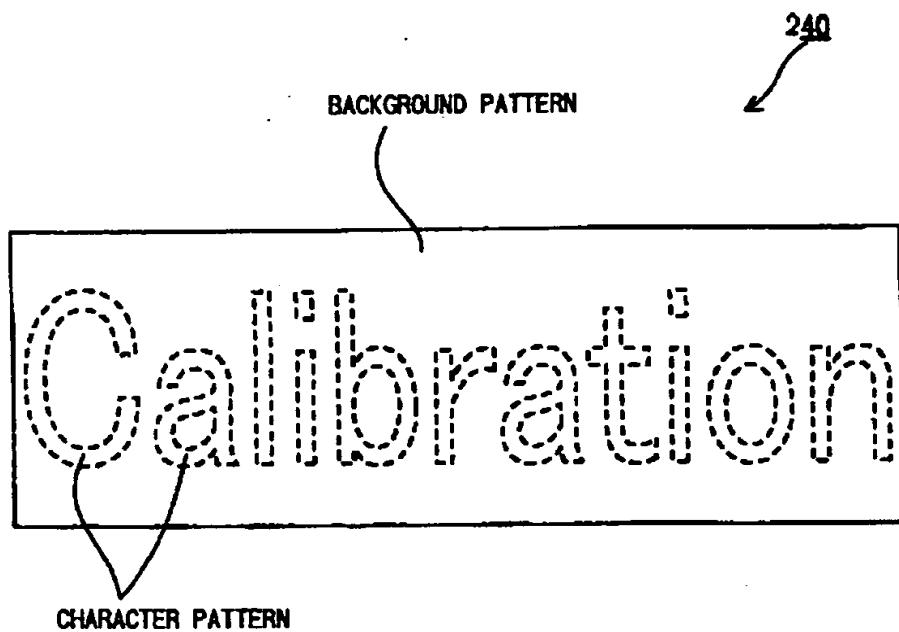
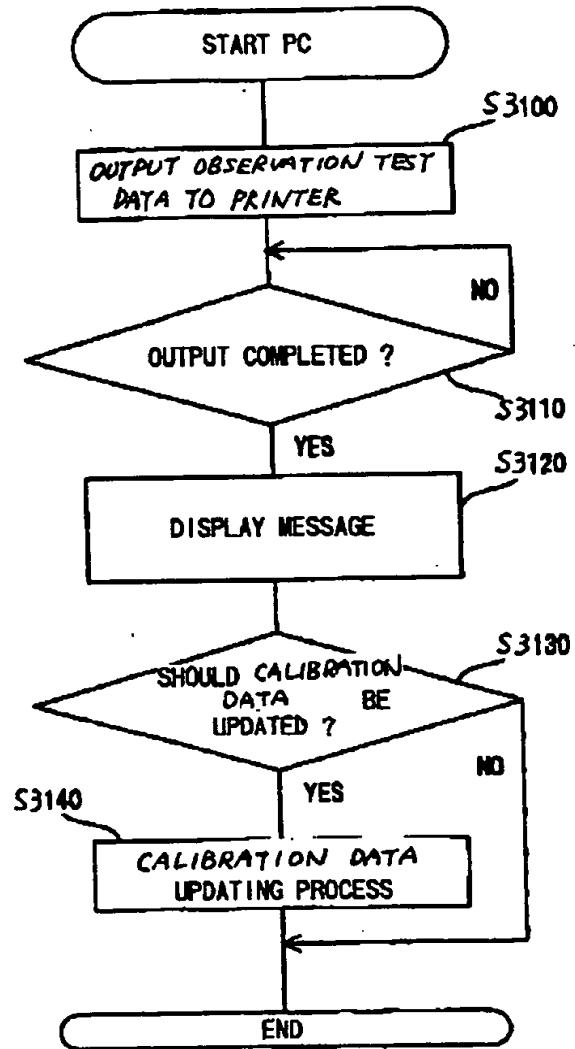


FIG. 14



019533400233 0132400